

*Sauget**Sanitary Development & Research Association*10 MOBILE STREET  
SAUGET, ILLINOIS 62201

## DISTRIBUTION:

Sauget Sanitary Development & Research Association  
Board of Directors

Jack Molloy	Monsanto Company
Dick Bentle	Ethyl Petroleum Additives
Paul Tandler	Cerro Copper Products Company
Bill DeFer	Monsanto Company
Jovencio Bagarinao	Midwest Rubber Company
Paul Sauget	Village of Sauget
Steve Mueller	AMAX Zinc Company
Warren Smull	Monsanto Company
Gene Forneris	Monsanto Company
Bob Murphy	Monsanto Company

Others

Carl Marciante	Sauget P-Chem Plant Manager
George Schillinger	Regional Plant Manager
Harold G. Baker	Village of Sauget Attorney
Steve Smith	Regional Project Manager

CER 092358

CONFIDENTIAL 92-CV-204-WDS

# Sauget

## Sanitary Development & Research Association

10 MOBILE STREET  
SAUGET, ILLINOIS 62201

### MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE SAUGET SANITARY DEVELOPMENT & RESEARCH ASSOCIATION

The regular meeting of the Board of Directors was held at the Sauget Village Hall on the eleventh day of September, 1987 at 11:20 a.m.; for the purpose of discussing Physical-Chemical Treatment Plant business and other items. Those directors or alternates in attendance were as follows:

Jack Molloy	Monsanto Company
Sanford Silverstein	Cerro Copper Products Company
Warren Smull	Monsanto Company
Bill DeFer	Monsanto Company
Bob Murphy	Monsanto Company
Dick Bentle	Ethyl Petroleum Additives
Gene Forneris	Monsanto Company
Paul Sauget	Village of Sauget

Also present were Carl Marciante, Sauget P-Chem Plant Manager; Harold G. Baker Jr., Village Attorney and Lino Menconi, AMAX Zinc Company. Jack Molloy called the meeting to order at 11:20 a.m. A motion was made by Sanford Silverstein and seconded by Warren Smull to approve the minutes of the August 7, 1987, P-Chem meeting as written. The motion passed.

#### I. Physical Chemical Treatment Plant Operations Report

Expenses for the period were \$219,000 which resulted in a negative variance of \$7,400. There were negative variances in the following categories:

Insurance - \$30,000 - Property and Workmen's Compensation coverage for the year.

Granular Lime - \$17,000 - usage continues to be much higher than budgeted.

Repair & Maintenance - \$4,400 - purchase of piping and valves for sludge recirculation line.

Pension - \$2,900 - quarterly contribution was paid in the period.

Consulting Service - \$2,700 - ground water expenses.

Legal - \$2,500 - N.P.D.E.S. permit and Zimpro expenses.

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Lime usage for the month was 1655 tons which was 313 tons above the average usage of the last twelve months.

There were three water quality problems in August. Copper was above the limit on August 3rd, Cadmium on August 25th, and Nickel for monthly average.

The Metro East Sanitary District Station was not in operation because the river was below 18 feet. It currently is at 8.3 feet and rising.

The new four paddle flocculator has been installed with nylon sprockets and non-metallic chain. Material has been ordered to replace a three paddle flocculator. An automatic blow out system has been designed and installed for the air lifts in the grit chamber.

Sludge recirculation line construction was begun on August 25th and was put into operation on September 9th.

New lift cables have been installed on the traveling bridge for the South clarifier.

## **II. Other Business**

The sewer investigation is in progress. To date the large collector box, Box E, has been inspected. Line B-E under the TRRA tracks and line H-E, the 30" sewer under the Monsanto siding have been inspected.

Box E appears to be structurally sound and no infiltration was detected. The lining of the box does require moderate rehabilitation. Joints between box E wall tiles are open and numerous tiles in the areas over five feet from the floor have fallen off. From investigations of lines E-B and H-E, it appears that this 1942 vintage box has settled a little.

Line E-B has a four foot plus sag under the TRRA tracks. Numerous broken pipe joints were observed and excessive infiltration is evident. This line appears structurally unsound and irreparable. Box B appears to have also subsided as evidenced by an initial rise in line B-E as it leaves box B.

Line H-E also has a sag but infiltration is minimal. The sag is from about thirty to about sixty feet from Box E. This sag, again, indicates a localized loss of structural integrity. It could, however, be easily replaced. This is a 1932 sewer, box E is 1942 vintage. It appears that the breaks were caused by box E settlement.

To date \$22.5k has been paid for investigation and \$40k is the total obligated. Installation of a replacement B to E line supported by drilled piers is currently being investigated. If feasible, this method of repair could result in substantial cost savings over the original repair concept.

The Depreciation Account of the 1974 Sewerage Fund has, or will shortly reach the required amount of \$1,000,000. Warren Smull made a motion that payments currently being made to the depreciation account continue at current levels through July 1988 to increase the working funds at the P-Chem Plant. Cash flow problems at the plant are now common due to insufficient working capital.

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Dick Bentle seconded the motion and it passed.

A motion was made by Warren Smull to approve the 1988 budget for the P-Chem Plant as proposed. After discussion, the motion was seconded by Sanford Silverstein and it passed.

Jack Molloy announced that he was resigning from the Board to accept a transfer within Monsanto, and that Bill Boyle, the new Monsanto plant manager would replace him on the Board of Directors. The Board expressed its gratitude to Jack for ten years of service to the Association as Chairman, and extended best wishes to him in his new Monsanto assignment.

There being no further business a motion to adjourn was made by Jack Molloy and seconded by Bill DeFer. The motion passed and the meeting adjourned at 12:00 p.m.

Respectfully submitted,



W. L. DeFer  
Treasurer

WLD/ba

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